

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 10517/18	SERIAL NO. Not yet assigned
	APPLICANT(s) Masayoshi IWASE, et al.	
	FILING DATE Herewith	GROUP

10859 U.S. PTO
 09/665899
 09/20/00

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

* - If pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	ABSTRACT	
						YES	NO
<i>[Signature]</i>	58-166658	Oct. 1, 1983	JP				X
<i>[Signature]</i>	7-263003	Oct. 13, 1995	JP			X	
<i>[Signature]</i>	8-138692	May 31, 1996	JP			X	
<i>[Signature]</i>	2-155171	Jun. 14, 1990	JP			X	
<i>[Signature]</i>	1-63271	Mar. 9, 1989	JP			X	
<i>[Signature]</i>	61-256568	Nov. 14, 1986	JP			X	
<i>[Signature]</i>	56-134473	Oct. 21, 1981	JP			X	

OTHER DOCUMENTS

EXAMINER INITIAL		
		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 6/15/00
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 10517/74	SERIAL NO. Not Yet Assigned
	APPLICANT - Masayoshi IWASE <i>et al</i>	
	FILING DATE Herewith	GROUP Not Yet Assigned

10517/74
 09/05/99
 09/20/00

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/SUBCLASS
<i>QM</i>	5,686,199	11/11/97	Cavalca et al.	429/30
<i>QM</i>	5,998,055	12/07/99	Kurita et al.	429/34

FOREIGN PATENT DOCUMENTS

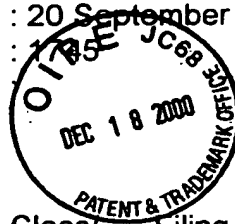
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	ABSTRACT TRANSLATION	
					YES	NO
<i>QM</i>	02062796	03-15-90	JAPAN		X	
<i>QM</i>	59100032	05-17-84	JAPAN		X	
<i>QM</i>	02090336	04-06-90	JAPAN		X	
<i>QM</i>	3-289057	12/17/91	JAPAN			X
<i>QM</i>	56126719	08-14-81	JAPAN		X	
<i>QM</i>	88103298.1	03-03-88	EUROPE			X
<i>QM</i>	10-106594	4/24/98	JAPAN			X
<i>QM</i>	07031343	01-26-95	JAPAN		X	
<i>QM</i>	8-203546	8/9/96	JAPAN		X	
<i>QM</i>	03166802	07-08-91	JAPAN		X	
<i>QM</i>	60217535	09/30/85	JAPAN		X	

EXAMINER: <i>Julian Mercal</i>	DATE CONSIDERED <i>4/5/03</i>
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with M.P.E.P. 609; strike out citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No. : 10517/74
 Serial No. : 09/665,899
 Inventors : M. IWASE et al.
 Filed : 20 September 2000
 Group Art Unit : 1735
 Examiner :



U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
---------------------	------------------	----------------	------	--------------------	----------------

[Signature]	5,686,199	11/11/97	CAVALCA et al.	429/30	
[Signature]	5,998,055	12/07/99	KURITA et al.	429/34	

dup.
dup.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes No
---------------------	--------------------	------	---------	--------------------	-----------------------

[Signature]	03-266 365	11/27/91	Japan		X
[Signature]	60-243 974	12/03/85	Japan		X
[Signature]	03-289 057	12/19/91	Japan		X
[Signature]	58-030 074	02/22/83	Japan		X
[Signature]	0-281 949	09/14/88	EPO		N/A
[Signature]	60-076 260	04/08/87	Japan		X
[Signature]	08-203 546	08/09/96	Japan		X
[Signature]	05-021 076	01/29/93	Japan		X

RECEIVED
DEC 19 2009
TECHNOLOGY CENTER 1700

EXAMINER

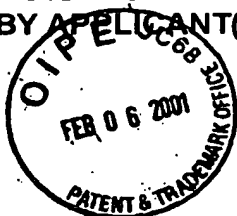
[Signature]

DATE CONSIDERED

4/19/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT(S)



Atty Docket No. : 10517/74
 Serial No. : 09/665,899
 Inventors : M. IWASE et al.
 Filed : 20 September 2000.
 Group Art Unit : 1745
 Examiner :

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
	5,686,199	11/11/97	CAVALCA et al	429/30	
	5,998,055	12/07/99	KURITA et al	429/34	

*dup
dup.*

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes
	03-266 365	11/27/91	Japan		X
	60-243 974	12/03/85	Japan		X
	03-289 057	12/19/91	Japan		X
	58-030 074	02/22/83	Japan		X
	0-281 949	09/14/88	EPO		N/A
	62-076 260	04/08/87	Japan		X
	08-203 546	08/09/96	Japan		X
	05-021 076	01/29/93	Japan		X

*RECEIVED
FEB - 8 2001
700 MAIL ROOM*

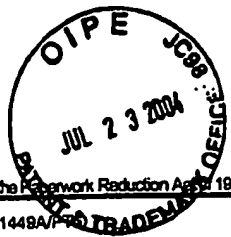
EXAMINER

[Signature]

DATE CONSIDERED

4/19/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPER 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/P

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/665,899
Filing Date	September 20, 2000
First Named Inventor	Masayoshi Iwase et al.
Art Unit	1745
Examiner Name	Julian A. Mercado
Attorney Docket Number	10517/74

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US- 5,688,199	11/11/97	Cavalca et al.	
	B	US- 5,998,055	12/07/99	Kurita et al.	
	C	US- 4,542,079	9/17/85	Takeuchi et al.	
	D	US- 4,648,091	3/10/87	McElroy	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English abstract
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	E	JP 08138692	6/31/98	Yasuhiro et al.		Yes
	F	JP 08031434	2/2/98	Masayoshi et al.		Yes
	G	EP 0967075	12/29/99	Mizuno		
	H	JP 58166858	10/1/83			
	I	JP 7263003	10/13/95			
	J	JP 8138692	5/31/98			
	K	JP 2155171	8/14/90			
	L	JP 183271	3/8/89			
	M	JP 61256568	11/14/88			
	N	JP 56134473	10/21/81			

Examiner
Signature*Julian A. Mercado*Date
Considered

1/19/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

499774v1<DC01>

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT


(use as many sheets as necessary)

Sheet 1 of 1

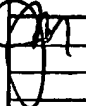
Complete if Known

Application Number 09/665,899
Filing Date September 20, 2000
First Named Inventor Masayoshi Iwase, et al.
Group Art Unit 1745
Examiner Name Julian A. Mercado
Attorney Docket Number 10517-74

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,801,374	4-2-1974	Daws et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
		JP A 7-230815	8-29-1995	Kenichiro		X(abstract)

Examiner Signature  Date Considered 10/25/09

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/865,899
Filing Date	September 20, 2000
First Named Inventor	Mayasoshi IWASE, et al.
Group Art Unit	1745
Examiner Name	Julian A. Mercado
Attorney Docket Number	10517/74

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
		US			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ⁵ - Number ⁶ - Kind Code ³ (if known)				
		JP 06-089730	3/28/94	Yoshinori		X (abstract)
		JP 08-138896	5/31/96	Seiji		X (abstract)
		JP 60-133885	12/21/83	Kenichi		X (abstract)
		JP 05-159790	12/6/91	Isamu		X (abstract)
		WIPO 97/33331	9/12/97	Rummel		X (abstract)

Examiner Signature

Julian Mercado

Date Considered

3/4/04

¹ EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.